

Oxygen concentrator

The oxygen concentrator increases the amount of oxygen in the air you breathe by concentrating more than 90% oxygen from room air. It does not affect the amount of oxygen in room air. The oxygen concentrator is an electrical device with low running costs. It is efficient, safe and easy to use.

Placement of the device

Do not place the device near a source of heat, or in a damp, cold or closed space (such as a closet). Do not cover. Leave about 15 cm between the device and a wall. Having an open fire in the same room is forbidden (cigarettes, cooker, fireplace).

Oxygen flow

The oxygen flow rate is adjusted by turning the knob until the ball inside the flow meter centres on the number (when looking at a right angle).

Turning on the device

When the concentrator is turned on, an alarm sounds for a few seconds. If the device will not start the first time, turn it off and try again. The concentrator will sound an alarm if there is a power cut or a technical problem. Fix the problem and restart the machine.

Problems that may occur

- The filters are dirty, or the power cable is disconnected from the device or power outlet.
- The oxygen tube is kinked or blocked.
- The filter holder may have come loose during transportation.

If the oxygen concentrator gives an alarm despite attempts to fix the problem, contact the ward or rehabilitation counsellor.

Maintenance at home

All oxygen concentrator models have a black coarse filter, which must be washed with running water and dried inside a terrycloth towel or vacuumed at least once a week. The other filters are taken care of at the ward or during the rehabilitation counsellor's house calls.

Water bottle humidifier

Not necessarily needed, but you may ask about it if you like.

Nasal oxygen cannula and oxygen supply tubing

The length of oxygen tubing should not exceed 15 metres, and it must be replaced every 3–4 months. Replace the nasal cannulas at least once a month. Oxygen tubing and nasal cannulas are available free of charge from your local health centre.

Bring the oxygen concentrator with you every time you are hospitalised. Keep the maintenance form for the device in the same place as the device.

Contact information

Sisätautien hoito-osasto 1, telephone 02 627 6330

Rehabilitation counsellor, telephone 0447077047